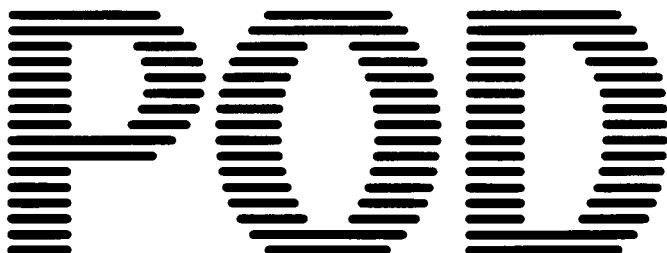
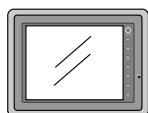


FUJI UG □ 20 SERIES PROGRAMMABLE OPERATION DISPLAY



USER'S MANUAL <MEMORY CARD EDITOR>

TYPE: UG00P-MS



UG Series

Preface

Thank you very much for purchasing the Fuji UG □ 20 Series UG00P-MS(Memory Card Editor).

This manual explains in detail how to write data (entered or edited from or on a PC) to a memory card using the Memory Card Editor, or how to read data (stored on the memory card) into a PC.

In this manual, it is assumed that you are familiar with the “Memory manager function” and “Data logging function” for the POD UG Series.

Refer to the UG Series “Reference Manual” (FEH359) for the details of the “Memory manager function” and “Data logging function”.

This manual is an English version based on the Japanese user's manual (No. FH359)

[Reference]

In addition to this manual, the following manuals on the UG □ 20 Series are available. Please ask your nearest dealer for the appropriate manuals and read them as required.

Name	Manual No.	Contents
UG □ 20 Series Manual <Tutorial>	FEH350	Describes how to operate screen editor (UG00S-3WE) for the UG Series.
UG □ 20 Series Manual <Reference>	FEH351	Describes the functions of the UG □ 20 Series.
UG □ 20 Series Manual <Hardware>	FEH352	Describes the UG □ 20 Series hardware.
UG □ 20 Series Manual <Simulator>	FEH354	Describes the use method of the UG □ 20 Series simulator.

[Notes]

- (1) No part of this manual may be reproduced in any form without prior permission of the publisher.
- (2) The contents of this manual, including the specifications, are subject to change for improvement without notice.
- (3) This manual was prepared with utmost care. However, if you find any ambiguity, errors, etc., please contact any of our sales offices that are listed at the end of this manual. In so doing, please tell the manual number shown on the cover of this manual.

Safety Precautions

[Matters calling for special attention]

When using the product under the following conditions or environment, you are requested not only to give proper consideration to safety measures, such as using the product with ample allowance given for its ratings and functions (performance) and fail-safe operation, but also to consult our sales representative in charge.

- ① Storage or use under conditions or environment not specified in the instruction manual and related manuals.
- ② Application to nuclear power control, railway, aviation, vehicle, combustion equipment, medical equipment, amusement facilities, safety equipment, etc.
- ③ Application to uses which are considered to have a potentially large effect on life and property and which demand a high degree of safety.

Before mounting, wiring, operation, maintenance and inspection of the device, be sure to read the operating instructions carefully to ensure operation. The operating instructions should be furnished to the maintenance supervisors of final users.

- Here, the safety precaution items are classified into “**Warning**” and “**Caution**”

 **Warning** :Incorrect handling of the device may result in death or injury.

 **Caution** :Incorrect handling of the device may result in minor injury or physical damage.

Even some items indicated by “**Caution**” may also result in a serious accident.

The general safety precautions are described below. Individual precautions are given where necessary, with the above symbols.

Safety Precautions

Warning

- Turn OFF the power before mounting, dismounting, wiring, maintaining or checking, otherwise, electric shock, erratic operation or troubles might occur.
- Place the emergency stop circuit, interlock circuit or the like for safety outside the PLC. A failure of PLC might break or cause problems to the machine.
- Never touch any part of charged circuits as terminals and exposed metal portion while the power is turned ON. It may result in an electric shock to the operator.

Caution

- Do not use one found damaged or deformed when unpacked, otherwise, failure or erratic operation might be caused.
- Do not shock the product by dropping or tipping it over, otherwise, it might be damaged or troubled.
- Operate (keep) in the environment specified in the operating instructions and manual. High temperature, high humidity condensation, dust, corrosive gases, oil, organic solvents, excessive vibration or shock might cause electric shock, fire, erratic operation or failure.
- Do not place magnetized items near to such things as floppy disks. There is a risk of failure.
- Insert items such as floppy disks and connectors in the proper direction. There is a risk of failure.
- Carry out the transfer of screen data during system operation only after checking that everything is safe, as there is a risk of damage to the set or of an accident owing to operational error.
- Do not cut off the power during program loading (during access to the hard disk or floppy disk, or during communication with the POD). There is a risk of erasure of data, product failure, malfunction, mechanical damage or failure.
- Use in the software operation environment stipulated in the manual. There is a risk of failure or malfunction.
- Follow the instructions in the manual regarding the software version. There is a risk of failure or malfunction.
- Mount and lock the connectors for communication cables securely. There is a risk of failure or malfunction.
- Do not touch the surface of the floppy disk. There is a risk of failure or malfunction.
- Carry out regular disk checks. When the hard disk or a floppy disk is used in a damaged state, there is a risk of failure or malfunction of the data generation system.
- Follow the regulations of industrial wastes when the device is to be discarded.

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Outline of Memory Card Editor

Data is transferred between the PLC and the memory card with two UG520/420/320/220 Series memory card functions: memory manager and data logging.

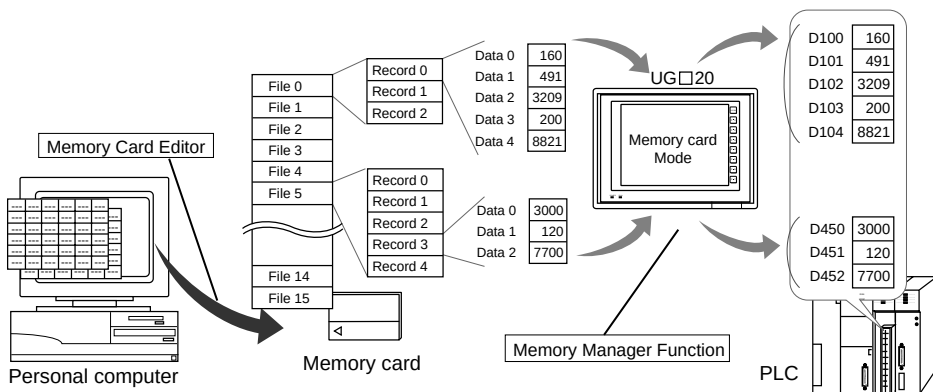
Memory Card Editor is software that allows the user to write data that was entered and edited on a personal computer onto the memory card, and also acts as conversion software that reads data saved on the memory card and makes it possible for this data to be edited by spreadsheet software etc. The converted data becomes comma (,) delimited CSV data. In addition, memory card formatting and copying can easily be performed with Memory Card Editor. (There are some functions that cannot be edited in the UG200 series.)

◎ Data from Memory Manager

The parameters for machine temperature, pressure, conveyor speed, etc., are allocated in each machine's individual memory card internal record.

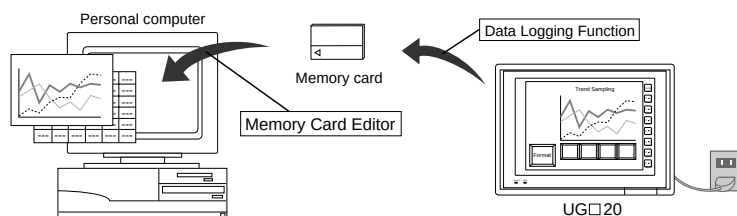
Record names and numerical data within records can be edited with Memory Card Editor as well as with spreadsheet software (e.g. Excel, Lotus).

As the amount of record data to be edited becomes larger and larger, you may find that it is easier to perform editing using application software that you are accustomed to, and then transferring the data to Memory Card Editor.



◎ Data from Data Logging

It is possible to read data accumulated from constant sampling, bit synchronization, and bit sampling from the memory card, change this data into graph form using spreadsheet software (e.g. Excel, Lotus), and edit and manage this software as a product document.



Memory Card Editor System Requirements

To start UG00P-MS (Memory Card Editor), secure the system requirements as below:

◎ Computer

Windows 95/98/NT Ver. 4.0 with a processor higher than i486™

◎ Basic Software

Windows 95/98/NT Ver. 4.0

◎ Hard Disk

Hard disk with more than 5MB of free area

◎ Display

At least 640 × 480

(a display resolution higher than 800 × 600 is recommended)

Installing to the Hard Disk



Before installing, be sure to make backup copies of the master disks (DISK 1 & 2). Store the master disks safely and use the backup copies for the following operations.

As an example, the following explanation describes how to install UG00P-MS to the C drive. The A drive is the floppy drive.

1. Start Windows 95, 98 or NT Ver 4.0.
2. Insert Disk 1 into the floppy disk drive (A).
3. Run setup.exe.

◎ Installing from the Control Panel

1. Go to [Settings] under [Start] and click on [Control Panel].
The [Control Panel] window is displayed.
2. Click the [Add/Remove Programs] icon.
The [Add/Remove Programs Properties] dialog is displayed.
3. When the [Install] button is clicked, the [Install Program From Floppy Disk or CD-ROM] dialog is displayed.
4. Click [Next].
The screen changes to the [Run Installation Program] dialog.
5. Check to confirm [A:\SETUP.EXE] and click [Finish].

◎ Installing from the start menu

Go to [Run] under [Start], enter [A:\Setup], and then click [OK].

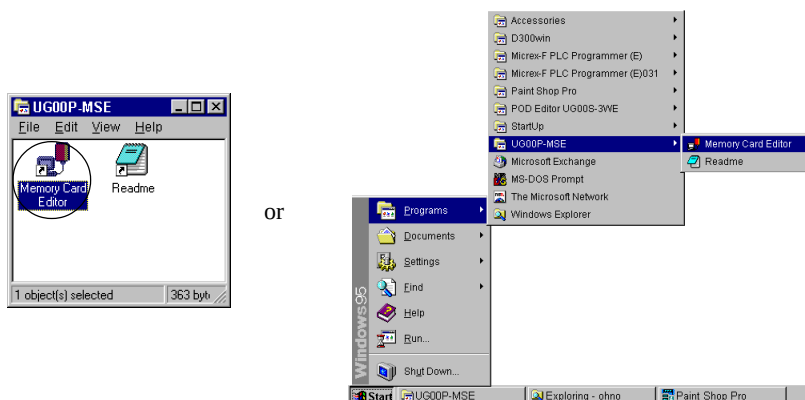
◎ Installing from “My Computer”

1. Go to “My Computer” and double-click on the A drive.
2. When you double-click on [3 1/2 Floppy], the contents of Disk 1 can be checked.
3. Double-click on [Setup.exe].

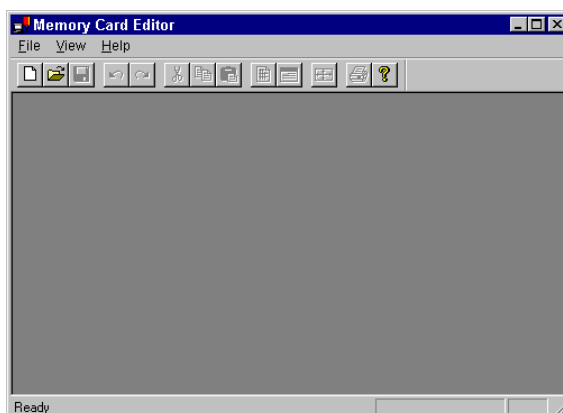
4. When you enter the [UG00P-MS Install] screen, click [Next].
5. The [Select Install Location] dialog is displayed.
If the selected install location directory is acceptable as it is, click [Next].
If you wish to make changes, click [Browse], make changes, and then click [Next].
6. Installation is automatically initiated after this -- insert Disk 2 when directed to. To cancel, click [Cancel].
7. When installation is finished, you will be asked whether to [Read the README file now?]. If you click [Yes], the document file is opened. If you click [No], you will be asked whether or not you wish to restart. Generally, it is recommended that you do restart.
8. When you click [OK] and follow the directions, the original Windows 95 screen will come up.

Program Activation

1. Double-click the program icon (shortcut), or go to the [Start] menu to [Program] and then to [UG00P-MS] and click [Memory Card Editor].



2. A Memory Card Editor default screen like the one below is displayed.

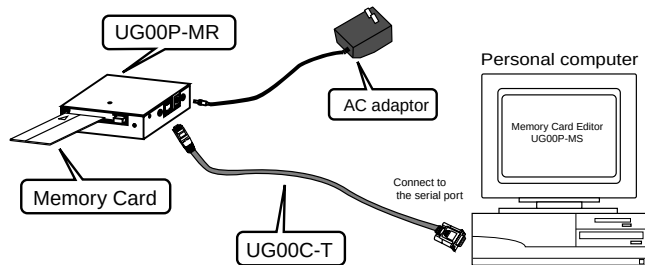


Connecting Memory Card with a PC

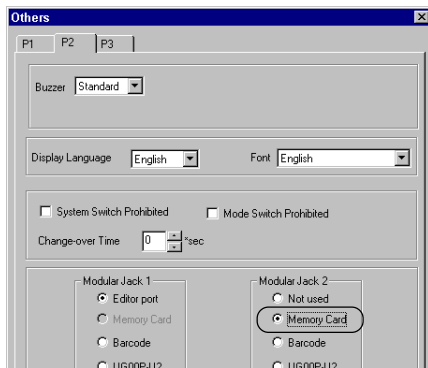
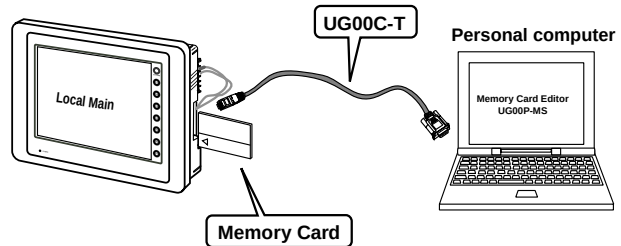
Memory card data created on the UG □ 20 is read to the UG00P-MS, or data edited on the UG00P-MS is written on the memory card by means of a card recorder (either UG00P-MR can be used -- refer to next section). For a UG □ 20 with a built-in card interface, data can be read/written directly without using a UG00P-MR.

The components used to connect a memory card and a personal computer are shown below.

Connecting to UG00P-MR



UG □ 20 with built-in card interface



<Note>

When reading/writing is performed with the Memory Card Editor, the RUN screen automatically switches to the local main screen.

In UG00S-3WE in [System Setting] under [Other Settings/P2], the screen data set for [Memory Card] under [Modular Jack 2] (see left diagram), cannot be directly read/written from the UG □ 20. Data can be read/written using a UG00P-MR.

Warning Notes for Memory Card Editor

Take note of the following points when using Memory Card Editor.

- ① When the memory card is removed or canceled while data is being written on it, that memory card data cannot be guaranteed.
Even if that memory card is read normally, take into account the fact that the data that is read is inaccurate.

- ② For UG □ 20 with a built-in card interface, data cannot be written on the FROM card (although it can be read from the FROM card.)

- ③ Memory Card

- ◆ An SRAM card or PROM card can be used for the memory card. The following table shows the difference between the SRAM card and PROM card:

SRAM	FROM
Supports the functions of POD memory manager and data logging, and transmission of screen data.	Supports transmission of screen data.
Data is partially readable and writable at any time.	Data is written and read all together. Data cannot be written or read partially.
Contains a battery. Replace the battery when it runs out.	No battery replacement is required.

* The FROM card cannot support any functions of memory manager and data logging.

- ◆ Usable Memory Cards

Use a memory card that complies with JEIDA version 4.0, allows access speeds from 100 ns to 250 ns, and supports attributes. The applicable memory sizes are as follows:

SRAM 256 K, 1 M, 2 M, 4 M (bytes)

PROM 256 K, 1 M, 2 M, 4 M, 16 M (bytes)

* Recommended memory card

The following memory cards made by ITT Cannon are recommended:

- ◆ SRAM

CSCJ-256K-SM-464(256K) CSCJ-002M-SM-464(2M)

CSCJ-512K-SM-464(512K) CSCJ-004M-SM-464(4M)

CSCJ-001M-SM-464(1M)

- ◆ FROM

CSCJ-256K-F-462(256K) CSCJ-002M-F-432(2M)

CSCJ-512K-F-462(512K) CSCJ-004M-F-462(4M)

CSCJ-001M-F-462(1M) CSCJ-016M-F-462(16M)

Reading from the Memory Card

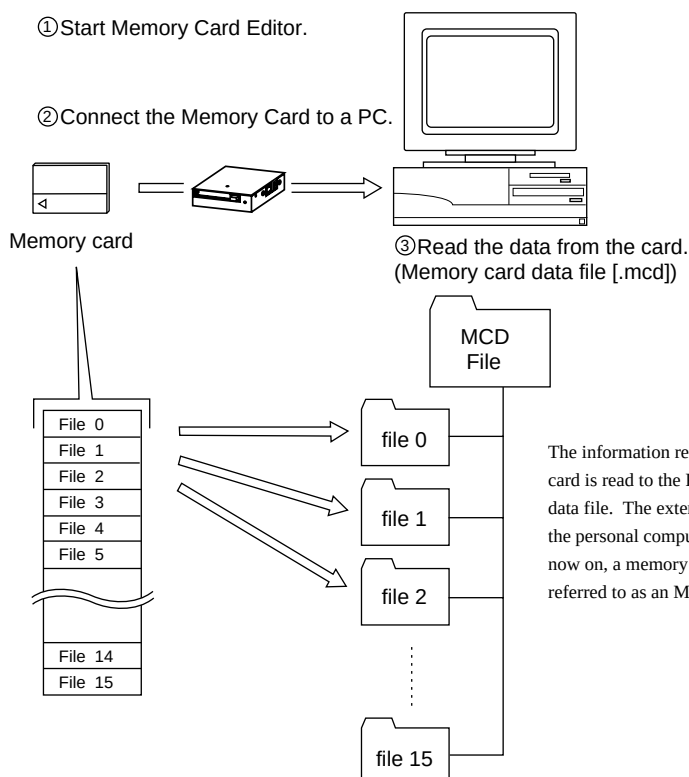
Use the data logging or memory manager function to read data stored in the memory card to a personal computer.

Operation Outline

The read procedure is as follows.

① Start Memory Card Editor.

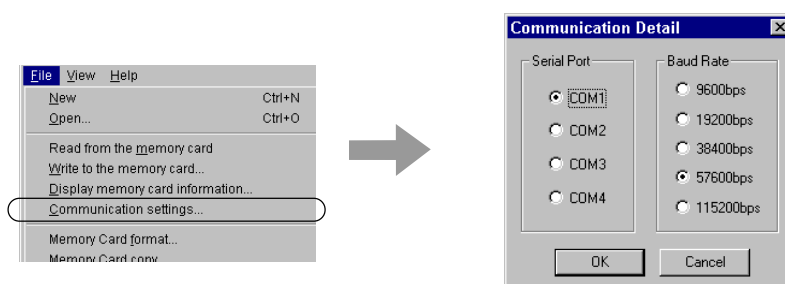
② Connect the Memory Card to a PC.



The information read from the memory card is read to the PC as a memory card data file. The extension when saving on the personal computer is [.mcd]. From now on, a memory card data file will be referred to as an MCD file.

① Before connecting Memory Card to a PC

1. Start Memory Card Editor.
2. Set the communication port and baud rate for communicating with a UG00P-MR or UG □ 20 with a built-in card. Go to [File], click on [Communication Setting], and set the [Communication Detail].



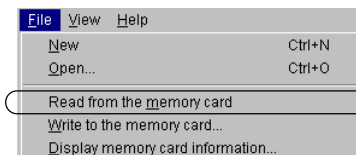
* Even if the setting was made as 57600 bps or 115200 bps, communication will occur at 38400 bps when communicating with a UG00P-MR.

② Connect UG00P-MR or UG □ 20 with a built-in card interface to the PC

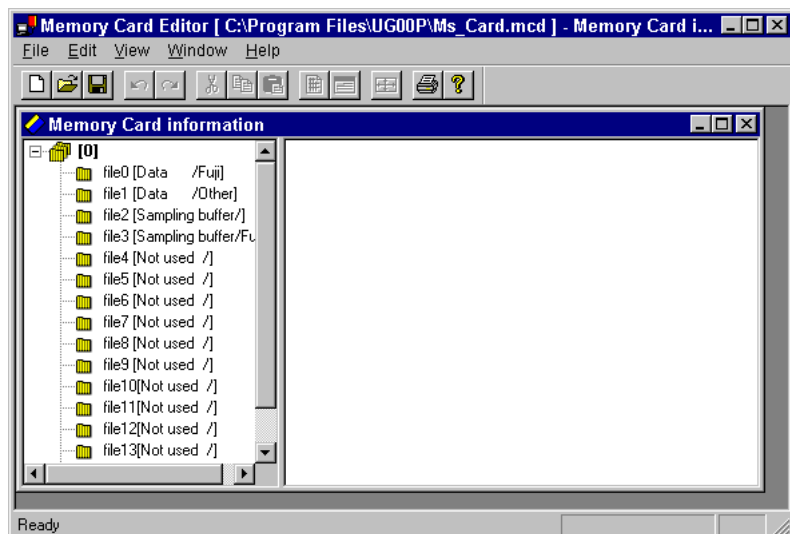
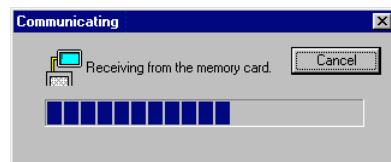
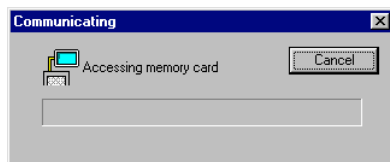
③ Read from the memory card

1. Use a UG00C-T (RS-232C cable for screen data transmission) to connect a personal computer to a UG00P-MR (with an AC adapter) that has a memory card inserted in it, or to UG □ 20 with a built-in card interface that has a memory card inserted in it.

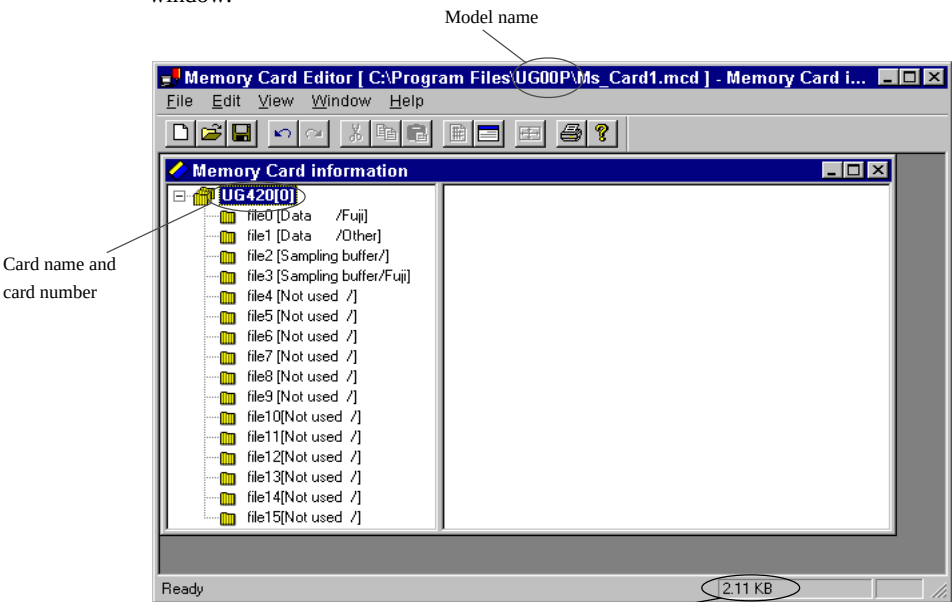
2. Go to [File] and click on [Read from the memory card].



The messages "Accessing memory card" and "Receiving from the memory card" are displayed. When reading of the memory card is complete, the [Memory Card information] window is displayed.



- ◎ [Memory Card information] window
Items such as the model and data size are displayed in the [Memory Card information] window.



- ◆ Size
When card is selected, the entire memory card size is displayed. When file is selected, the file size is displayed (units: MB/KB/bytes).
(1KB = 1024 bytes)

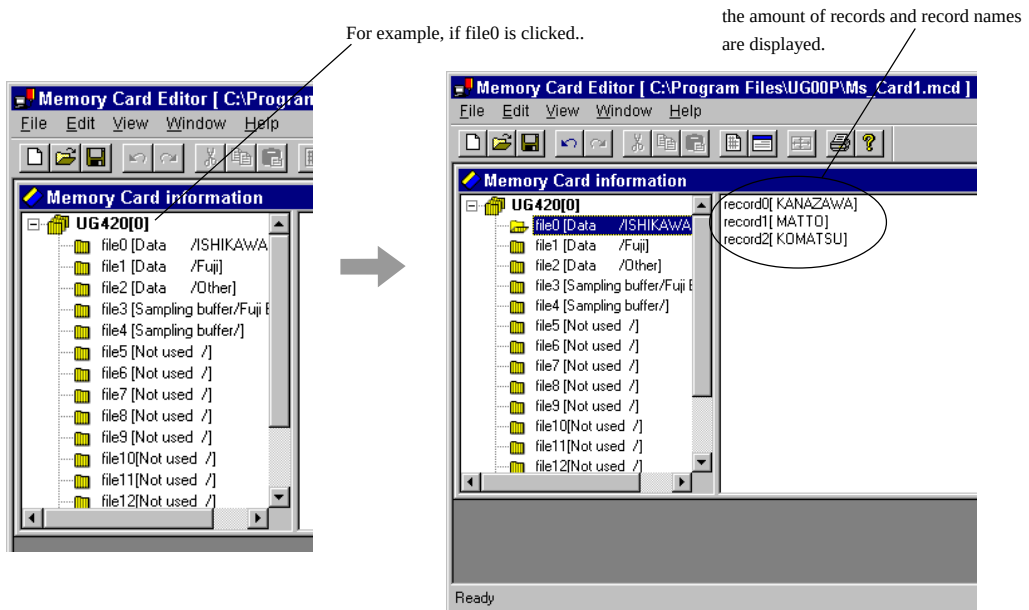
- ◎ Calculation of File Size
The various file sizes are shown.

(Unit:bytes)		
		Size
Memory Card Information *		2048
Data File		File size = (Bytes for Records + No. of Data × 2) × No. of Records
Buffering File	Bit Synchronize	File size = (No. of Words × 2 + 4) × No. of Samples
	Constant Sample	File size = (No. of Words × 2 + 4) × No. of Samples
	Bit Sample	File size = 6 × No. of Samples

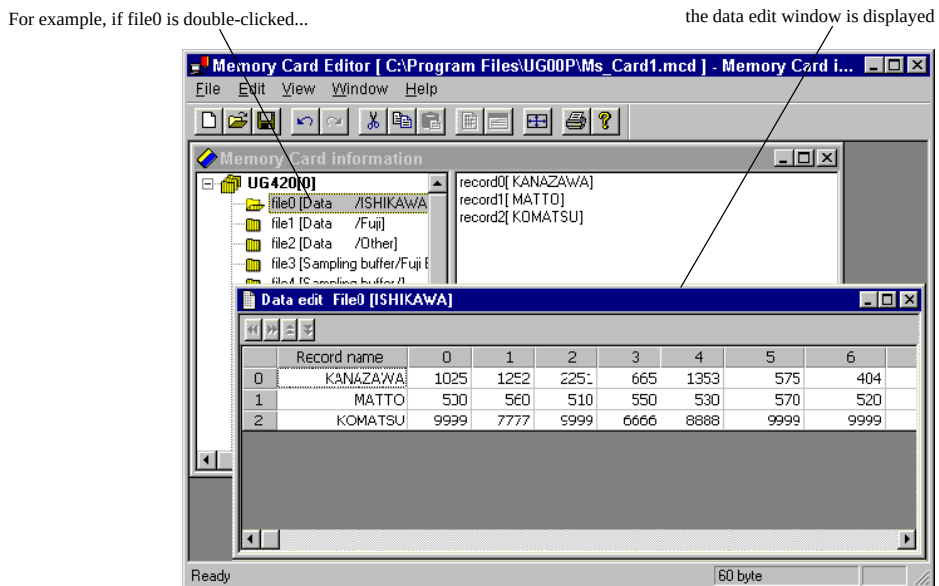
* Memory card information always uses the byte amount shown above from the memory card top memory address.

Checking and Editing File Contents

Each file's complete data is contained within the contents read from the memory card.
When you click on a file folder on the [Memory Card information] window, the record names and sampling forms for that file are displayed on the right.



To check more detailed contents, double-click on a file. That file's data will be displayed in chart form.



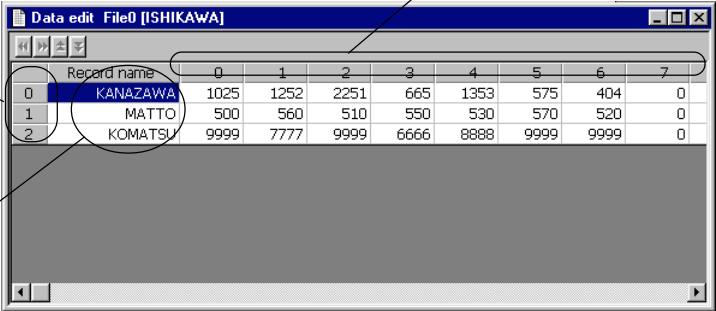
Depending on the file's type, the contents of the displayed data edit window will vary somewhat.

[Type: Data]

Record number

Record name

Data number



Record number	Record name	0	1	2	3	4	5	6	7
0	KANAZAWA	1025	1252	2251	665	1353	575	404	0
1	MATTO	500	560	510	550	530	570	520	0
2	KOMATSU	9999	7777	9999	6666	8888	9999	9999	0

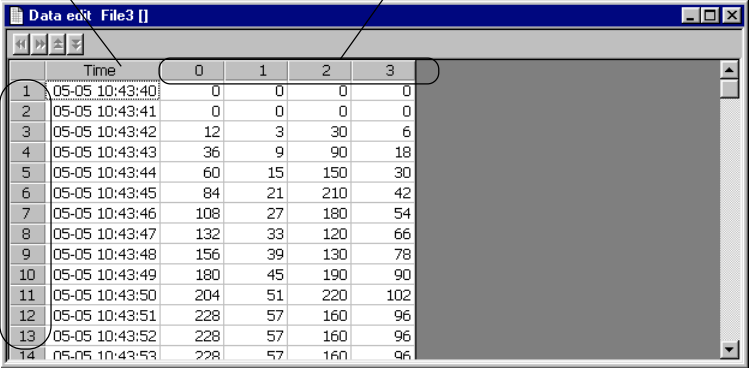
[Type: Sampling Buffer]

◆ [Sampling Method: Bit Synchronize] or [Constant Sampling]

Clock data

Data number

No. of Samples (counts)



	Time	0	1	2	3
1	05-05 10:43:40	0	0	0	0
2	05-05 10:43:41	0	0	0	0
3	05-05 10:43:42	12	3	30	6
4	05-05 10:43:43	36	9	90	18
5	05-05 10:43:44	60	15	150	30
6	05-05 10:43:45	84	21	210	42
7	05-05 10:43:46	108	27	180	54
8	05-05 10:43:47	132	33	120	66
9	05-05 10:43:48	156	39	130	78
10	05-05 10:43:49	180	45	190	90
11	05-05 10:43:50	204	51	220	102
12	05-05 10:43:51	228	57	160	96
13	05-05 10:43:52	228	57	160	96
14	05-05 10:43:53	228	57	160	96

◆ [Sampling Method: Bit Sampling]

The default status for bit ON/OFF, clock, and relay number is as shown below. The message column is empty.

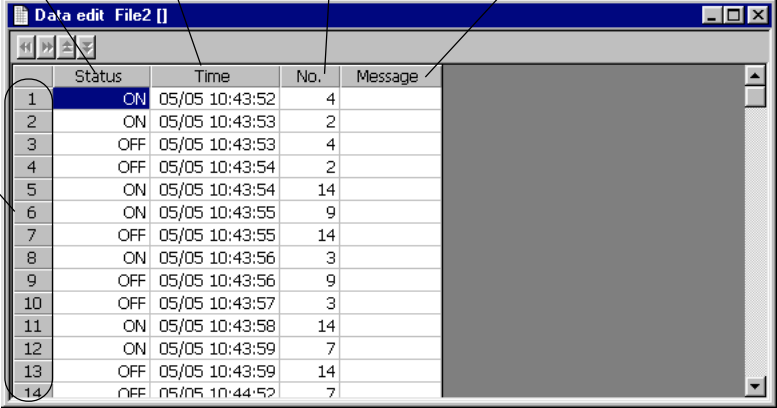
Bit status

Clock data

Relay number

Messages

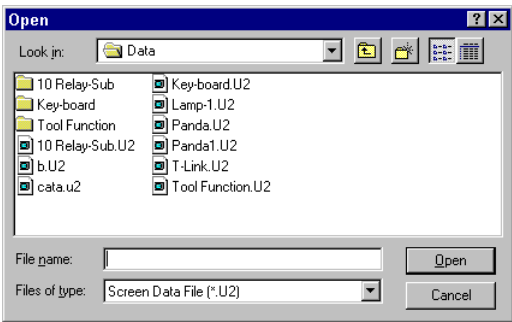
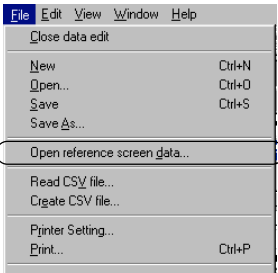
No. of Samples (counts)



	Status	Time	No.	Message
1	ON	05/05 10:43:52	4	
2	ON	05/05 10:43:53	2	
3	OFF	05/05 10:43:53	4	
4	OFF	05/05 10:43:54	2	
5	ON	05/05 10:43:54	14	
6	ON	05/05 10:43:55	9	
7	OFF	05/05 10:43:55	14	
8	ON	05/05 10:43:56	3	
9	OFF	05/05 10:43:56	9	
10	OFF	05/05 10:43:57	3	
11	ON	05/05 10:43:58	14	
12	ON	05/05 10:43:59	7	
13	OFF	05/05 10:43:59	14	
14	OFF	05/05 10:44:52	7	

Follow the procedure below to import messages that are the same as those messages displayed on UG □ 20.

1. When the data edit window is open, go to [File] and click on [Open reference screen data...].
2. A file specification window like the one below is displayed. Select the original screen data file and click [Open].



3. Messages applicable to each respective relay number are displayed in the [Message] column of the data edit window.

The corresponding messages are imported.

	Status	Time	No.	Message
1	ON	05/05 10:43:52	4	Pusher Trouble
2	ON	05/05 10:43:53	2	Direction Count
3	OFF	05/05 10:43:53	4	Pusher Trouble
4	OFF	05/05 10:43:54	2	Direction Count
5	ON	05/05 10:43:54	14	Carry Roll For. Position
6	ON	05/05 10:43:55	9	Saddle Up End
7	OFF	05/05 10:43:55	14	Carry Roll For. Position
8	ON	05/05 10:43:56	3	Product Count
9	OFF	05/05 10:43:56	9	Saddle Up End



The messages for the last file referenced are read. Be sure to reference the original screen data file each time. If different screen data is referenced, it is impossible to import the correct messages. For UG200, the previous reference file messages remain due to the fact that it is impossible to open the reference screen file.

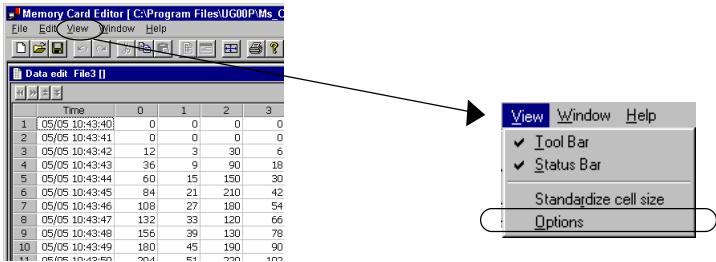


Changing the Time Display

A [Type: Sampling Buffer] data file always includes a time display. Default display status is [MM/DD hh: mm: ss], but the display type can be changed freely.

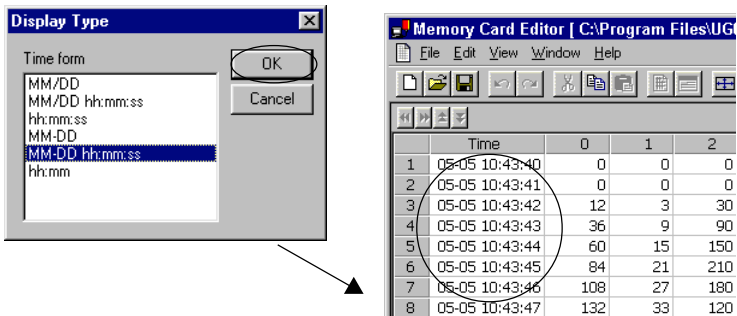
	Time	0	1	2	3
1	05/05 10:43:40	0	0	0	
2	05/05 10:43:41	0	0	0	
3	05/05 10:43:42	12	3	30	
4	05/05 10:43:43	86	9	90	1
5	05/05 10:43:44	60	15	150	3
6	05/05 10:43:45	84	21	210	4
7	05/05 10:43:46	108	27	180	5
8	05/05 10:43:47	132	33	120	6
9	05/05 10:43:48	156	39	130	7

When the sampling buffer data edit window is open, go to [View] and click [Options].



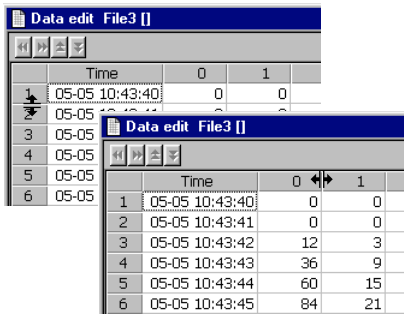
A [Display Type] dialog like the one following is displayed. For example, select [MM-DD hh:mm:ss] and click [OK].

The data edit window time display changes as is shown below.

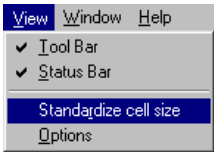


Changing Row Height and Column Width

To change the cell height or width, move the mouse to the boundary line as shown in the diagram to the right, and then drag the cursor until you reach the desired height/width.



To return to the default height/width, go to [View] and click [Standardize cell size].



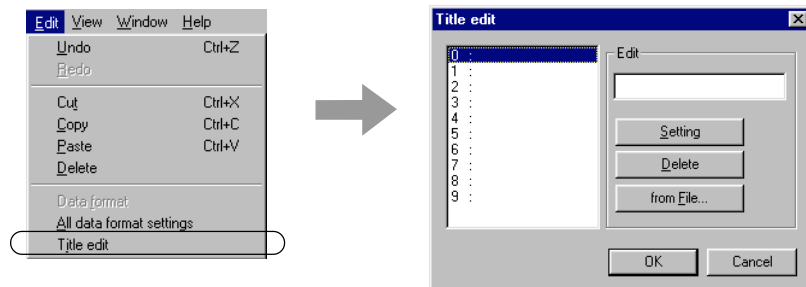
Title Edit

Title edit can be performed for bit synchronization and constant sampling in the data file and sampling buffer file.

	Record name	TITLE 1	TITLE 2	TITLE 3	3	4	5
0	KANAZAWA	1025	1252	2251	665	1353	575
1	MATTO	500	560	510	550	530	570

◆ Title Edit Procedure

① When you go to [Edit] and click on [Title edit], the [Title edit] dialog is displayed.



② In [Edit], enter the characters that make up the title name.

③ Select a number from the list box and click the [Setting] button.

④ The characters are set for the specified number.

⑤ To confirm, click the [OK] button. The title is set.

To cancel, click the [Cancel] button.

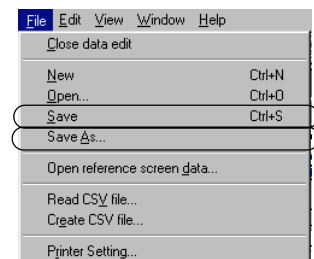
- Multiple items can be selected by using the Ctrl key or the Shift key. The titles for all items selected will be deleted with the [Delete] button.
- It is possible to import titles from comma-delimited text files like a CSV file (e.g.: TITLE1, TITLE2, TITLE3, TITLE4) by clicking the [from File...] button.

File Save

To save data that has been changed, go to [File] and click on [Save], or click on [Save As...].

A data file that has been changed is stored as an MCD file.

<Example> XXXX.mcd
 File name Extension



Data File Edit

Changing Data

With the Memory Card Editor, it is possible to change data read from the memory card.



Data edit is only possible for a [Type: Data] file (memory manager function). A contents of a [Type: Sampling Buffer] file (data logging function) cannot be changed.

◆ Changing the data value/record name

When you double-click on the column that you wish to change in the previously opened edit window, the cursor moves to the left corner.

When new information is entered with the keyboard, the contents of the column.

	Record name	0	1
0	KANAZAWA	1025	1252
1	MATTO	500	560
2	KOMATSU	9999	7777

When you double-click on data 1025 of record 0, the highlight display moves to the left.

	Record name	0	1	2	3	4	5	6
0	KANAZAWA	1025	1252	2251	665	1353	575	40
1	MATTO	500	560	510	550	530	570	52
2	KOMATSU	9999	7777	9999	6666	8888	9999	99

When “1234” is entered and the return key is pressed, data 1025 becomes “1234.”

	Record name	0	1	2	3	4	5	6	7
0	KANAZAWA	1234	1252	2251	665	1353	575	404	0
1	MATTO	500	560	510	550	530	570	520	0
2	KOMATSU	9999	7777	9999	6666	8888	9999	9999	0

When the changed record name is not reflected in the [Memory Card information] window, go to [View] and then click on [Update to newest data], and the record name that was changed will be displayed.

Change record name.

Not reflected here.

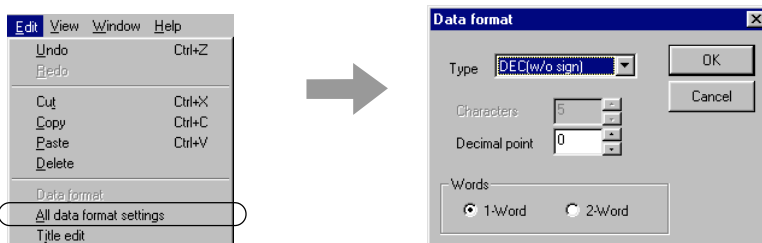
	Record name	0	1	2	3	4	5
0	MOLD #1	1234	1252	2251	665	1353	575
1	MATTO	500	560	510	550	530	570
2	KOMATSU	9999	7777	9999	6666	8888	9999

◆ Changing the data display form

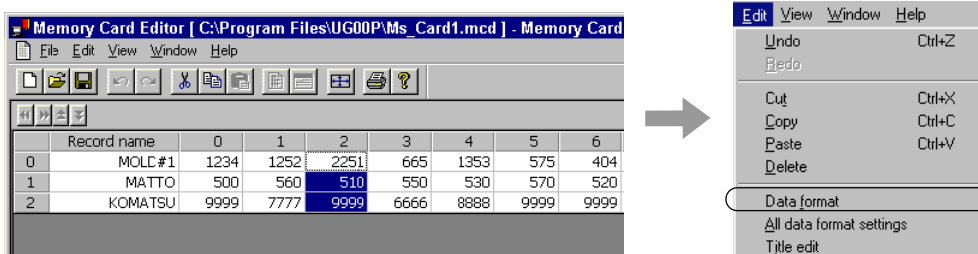
It is possible to change each column's display type by all, one column, or multiple columns.

To change all, go to [Edit] and click [All data format settings]. When the [Data format] dialog is displayed, set [Characters], [Decimal Point], and [Words].

For [Type: CHAR (characters)], set the number of characters.



To change the format of one column, use the cursor to select the column to change, go to [Edit], and click [Data format].

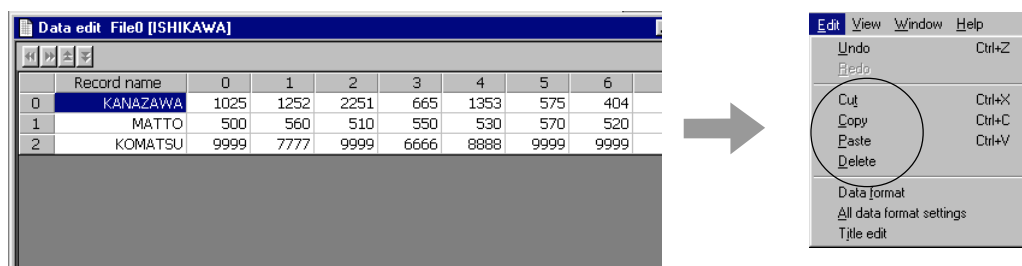


Items such as [Type] are changed in the same way as change all.

◆ Other Editing

Cut, copy, paste, and delete operations

These operations can be performed easily by selecting the applicable column with the cursor (multiple selections possible), and then going to the [Edit] menu, or by using the mouse right-click menu and then clicking on the desired edit contents.

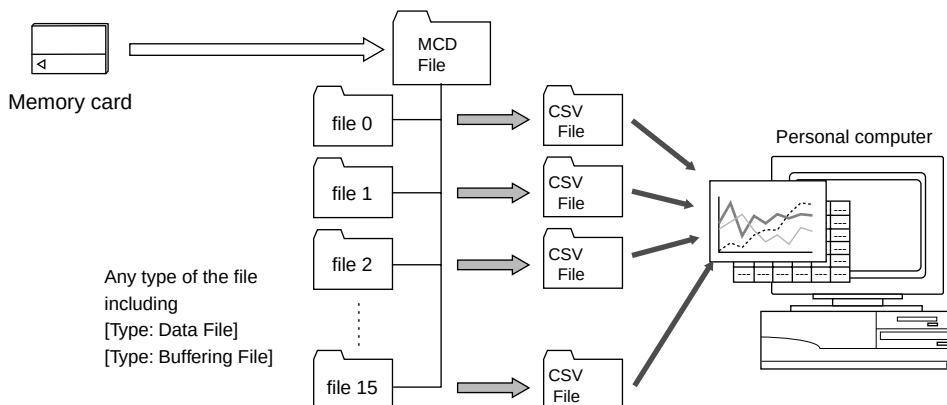


◆ Return to undo/re-do edit operations

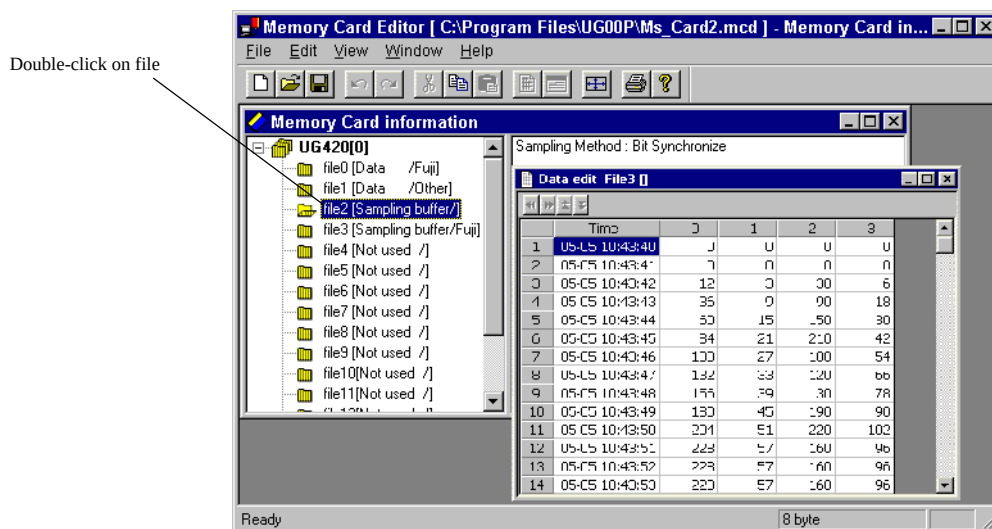
To erase the most recently performed edit operation, click [Undo]. To re-execute an operation that was erased, click [Redo].

Creating a CSV File

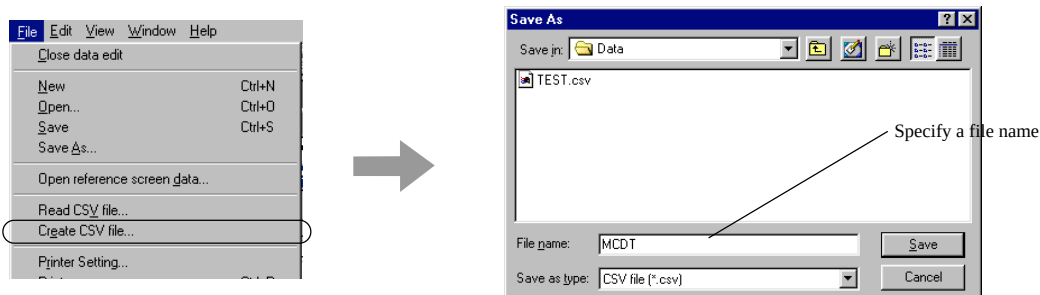
It is possible for each MCD file (both [Type: Data] and [Type: Sampling Buffer]) to be written separately as CSV files.



1. When you double-click on the desired file from the MCD file directory, the [Data Edit] window opens.



2. When you go to [File] and click on [Create CSV file...], a diagram like the one below is displayed. Specify a name and click [Save].



The data file currently open is saved as a CSV file.

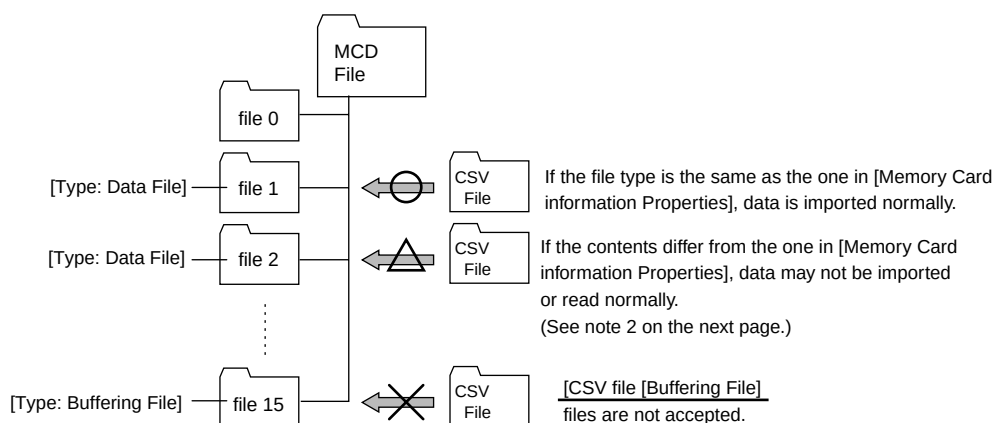
Reading from a CSV file

It is possible to read a CSV file into an MCD file.

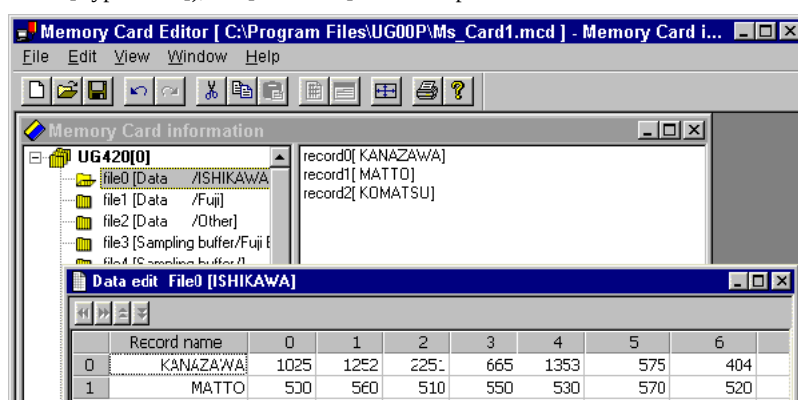


Read-in is possible only for [Type: Data] data files.

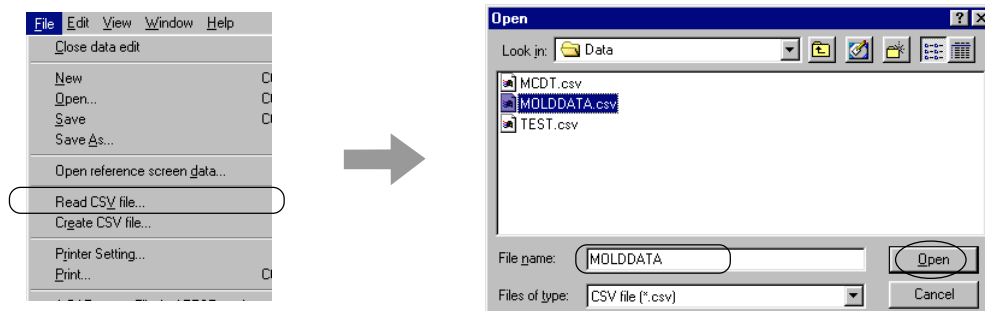
([Type: Sampling Buffer] files are write-prohibited files.)



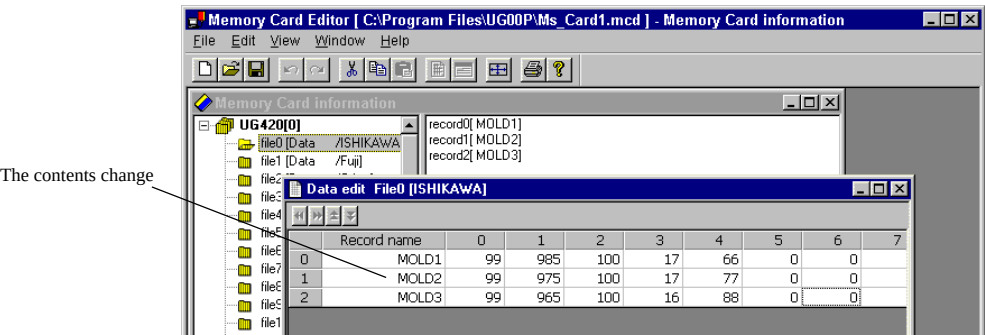
1. When you double-click on the desired file from the MCD file (although this must be a file of [Type: Data]), the [Data Edit] window opens.



2. When you go to [File] and click on [Read CSV file...], a dialog like the one below is displayed. Specify the CSV file to be imported and click [Open].

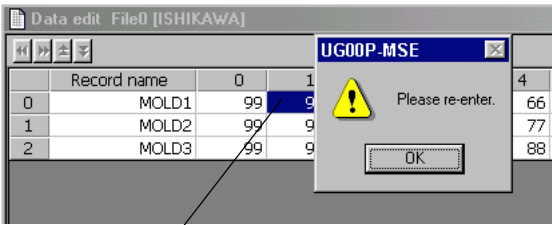


3. The contents of the specified CSV file are written in the data file. To save the imported information, save the MCD file using [Save] or [Save As...].



An error message occurs when the type of CSV file cell data that is read differs from the type of cell data at the import destination.

For example, if you try to import HEX data “FFFF” into a DEC (w/o sign) type cell, or if you try to import decimal point data “10.1” into a cell with decimal point setting of [0] (decimal point prohibited), the following error message occurs.



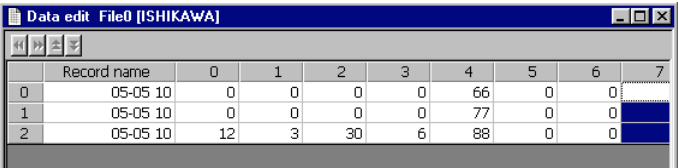
When decimal point data is imported.

Re-enter CSV file data in the same data format.



When data format of CSV file to be read is different from the data format at the import destination, there are instances when the contents of the CSV data are not read normally.

For example, when you import a CSV file [Type: Sampling Buffer] into the data file...



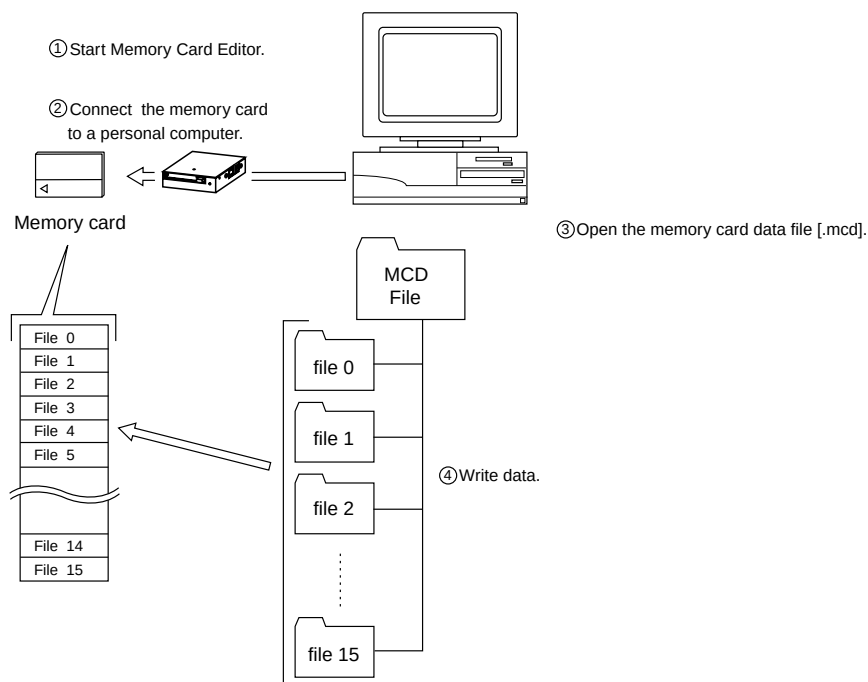
the data is imported forcibly and inaccurately into [Record name] and other data.

Writing to the Memory Card

After editing is completed, write the MCD file, which includes the data file, onto the memory card.

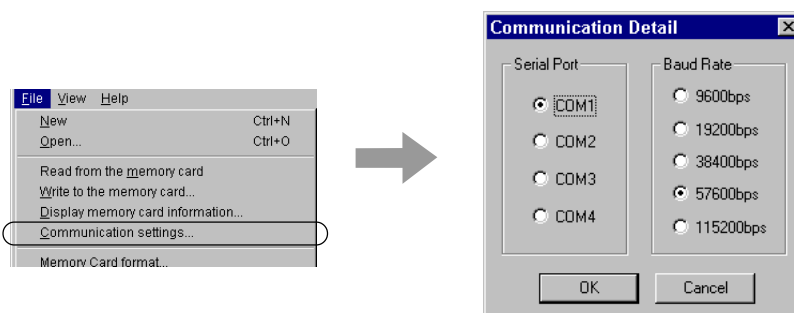
Operation Outline

The write procedure is as shown below.



① Before connecting the memory card to a PC

1. Start Memory Card Editor.
2. Set the baud rate for communicating with UG00P-MR or UG □ 20 with a built-in card interface. Go to [File] and click on [Communication settings...], and then set the [Communication Detail] dialog.



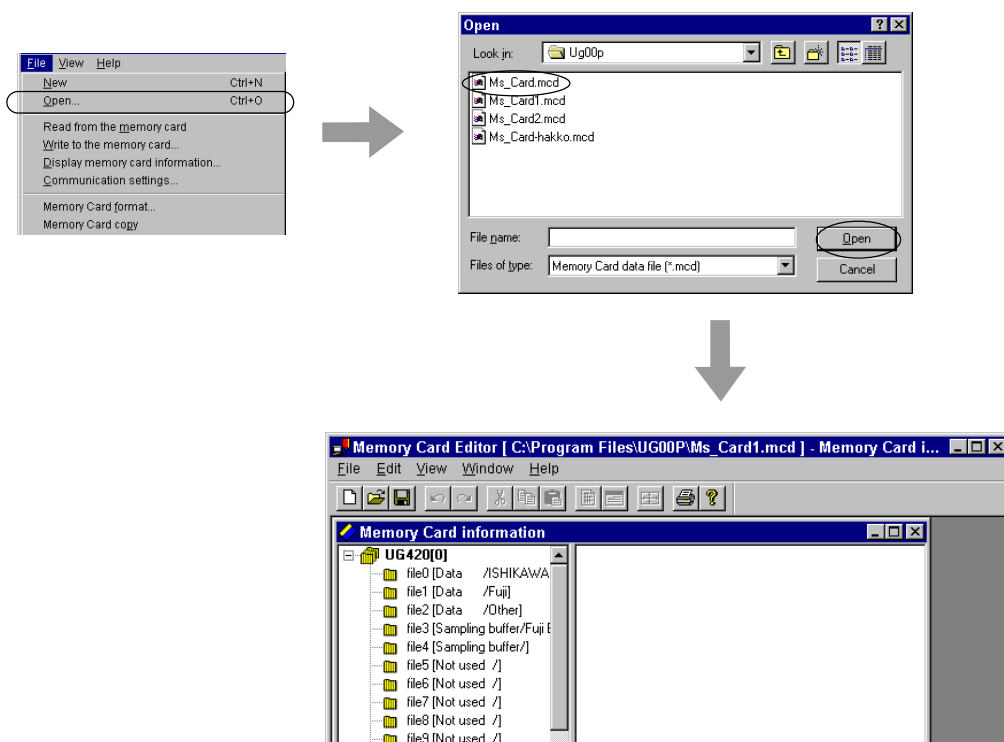
- * Even if the setting was made as 57600 bps or 115200 bps, communication will occur at 38400 bps when communicating with a UG00P-MR.

② Connecting UG00P-MR to a PC

Use a UG00C-T (RS-232C cable for screen data transmission) to connect a personal computer to a UG00P-MR (with an AC adapter) with a memory card inserted in it, or to UG □ 20 with a built-in card interface with a memory card inserted in it.

③ Open an MCD file

Specify the MCD file that is going to be written on the memory card by going to [File] and then to [Open]. The file opens in Editor.

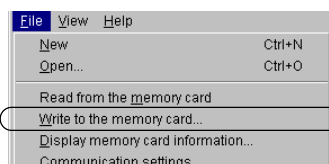


When this is done, the MCD file is open. (The name of the MCD file that is open is displayed above the editor title bar.)

④ Write data on the memory card

Write MCD file contents onto the memory card.

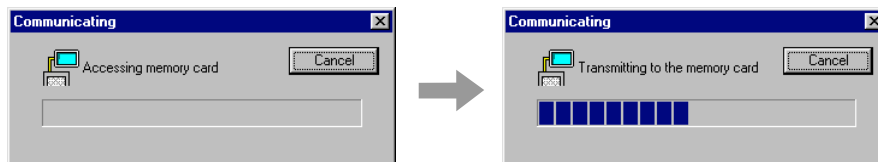
When the MCD file format is the same as the format of the memory card inserted into UG00P-MR, writing takes place immediately.



When the format is different, confirm whether or not you wish to format the memory card and write.

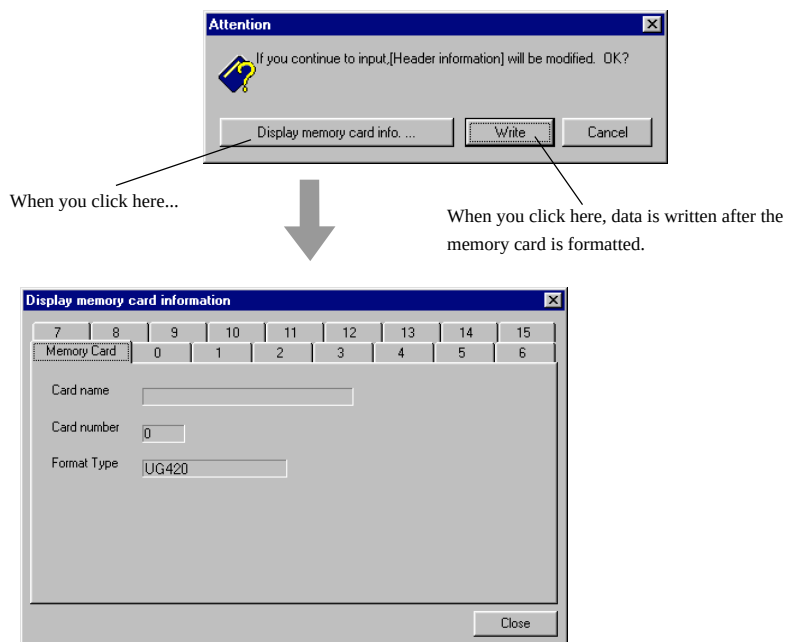
1. Go to [File] and click on [Write to the memory card].

If the formats agree, a dialog like the one below indicating writing in process is displayed.



When the dialog disappears, this is an indication that MCD file contents have been written onto the memory card.

2. When the formats disagree, a window like the one below is displayed.



The memory card contents that were copied are displayed.

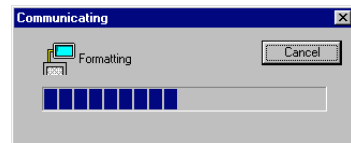
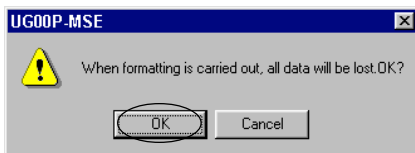
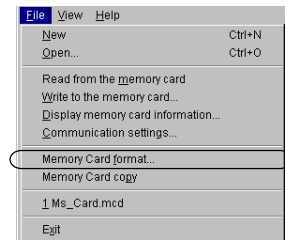
Formatting and Copying the Memory Card

Memory card formatting

Formatting is performed after opening the MCD file in the editor and formatting the memory card with the same contents as the MCD file.

However, the MCD file card names, file names, record names, and data contents cannot be written on the memory card.

1. Connect the UG00P-MR to a personal computer.
2. Insert the memory card to be formatted into the UG00P-MR.
3. Start Memory Card Editor and open the MCD file.
4. Go to [File] and click on [Memory Card format...].
5. A warning message like the one shown below is displayed. When [OK] is clicked, the next dialog is displayed.



When the dialog disappears, this is an indication that the memory card and the MCD file are now in the same format.

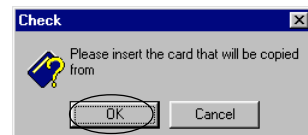
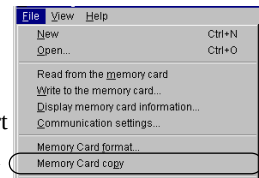
Memory card copying

Copying from one card to another is possible.

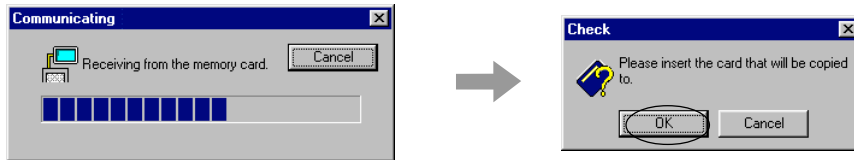
As long as they fall within the acceptable current use capacity range, it is possible to copy between an SRAM card and an SRAM card, an SRAM card and an FROM card, and an FROM card and an FROM card.

(For example, if only 256K are being used on a card with a 1M capacity, it is possible to copy on to the 256K card.)

1. Connect the UG00P-MR to a personal computer.
2. Start Memory Card Editor.
3. Go to [File] and click on [Memory Card copy...].
4. A confirmation dialog like the one below is displayed. Insert the memory card to be copied from into the UG00P-MR and click [OK].

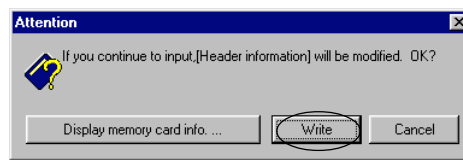


5. After a dialog like the one shown below is displayed, the confirmation dialog will be displayed again. This time, insert the memory card that will be copied to into the UG00P-MR and click [OK].



6. If the capacity of the card that will be copied to is inadequate, the following message is displayed and copy is canceled.

7. If the capacity of the card that will be copied to is adequate but the format information varies from the card that is copied from, the following dialog is displayed. If you go ahead and click [Write], copy is executed.

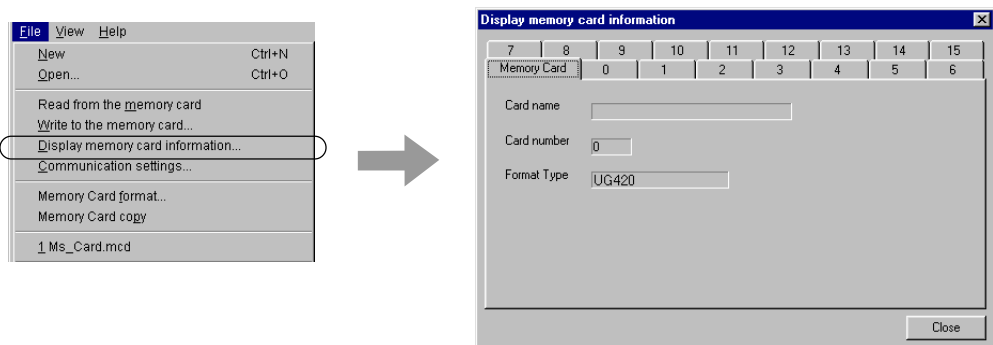


Other Setting Items

Checking Memory card Information

From Editor, it is possible to check the contents of the memory card that is inserted into the UG00P-MR currently connected to a personal computer.

When you go to [File] and click on [Display memory card information...], the dialog shown below will appear after a few moments.



Check contents by switching between the tab windows for file numbers 0 to 15.

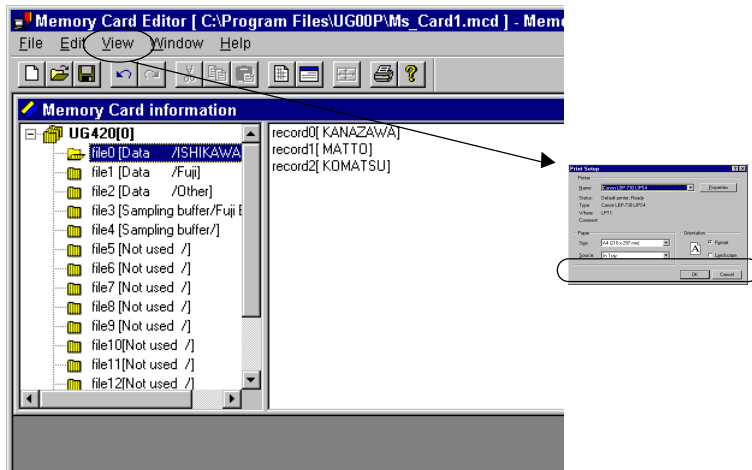
Changing the MCD File Type (Properties)

It is possible to change an MCD file's card name, file name, records, and data, among other things.

Shortcut

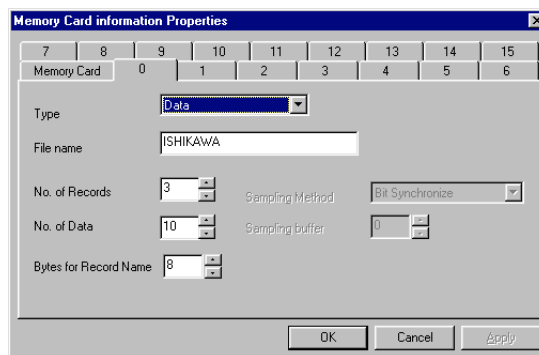
After selecting a file, display the [Memory Card information Properties] with Shift key + Enter key.

Select a card name or file in the [Memory Card information] dialog, go to [Edit], and click on [Properties].

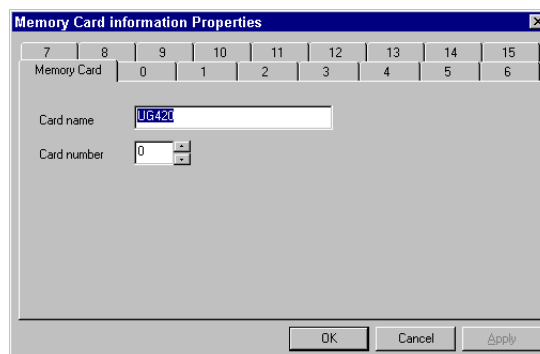


The [Memory Card information Properties] dialog is displayed.

Items like the ones below can be changed on the [0] to [15] tab window.

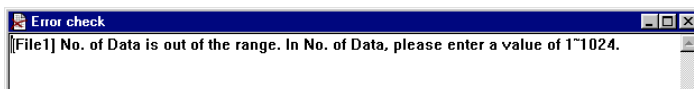


[Card name] and [Card number] can be changed on the [Memory Card] tab window.



Error Check

During edit model change and writing to the memory card, error check is activated. When an error occurs, an error message is displayed.

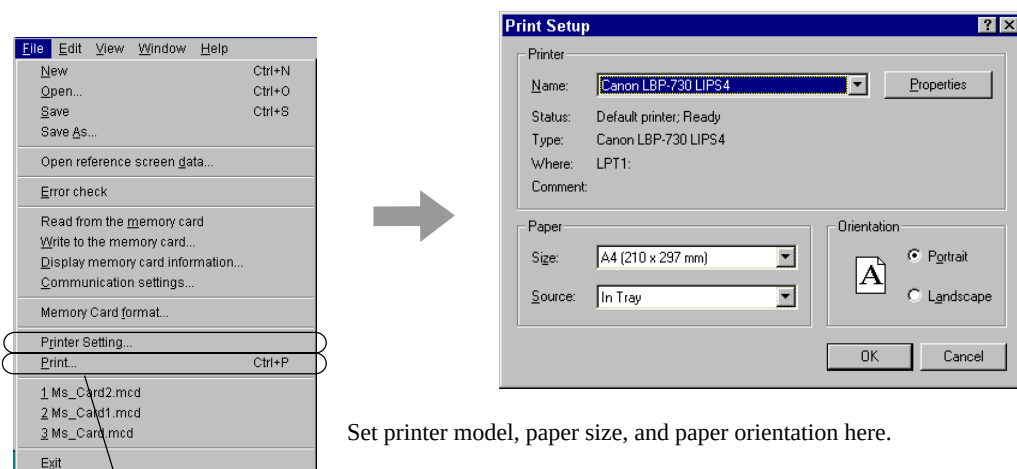


Printing

It is possible to print directly from Memory Card Editor.

◆ [Printer Setting]

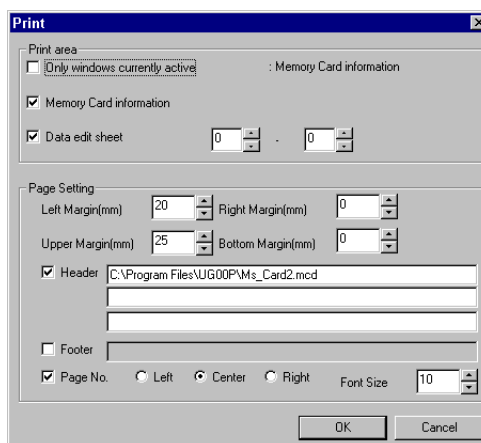
When you go to [File] and click [Printer Setting...], a [Print Setup] dialog like the one below is displayed.



Set printer model, paper size, and paper orientation here.

◆ [Print]

When you go to [File] and click [Print...], a [Print] dialog like the one below is displayed.

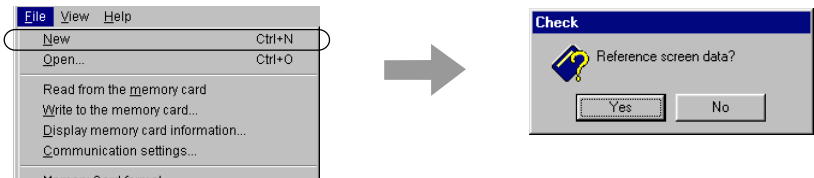


After you specify the print area and machine settings here and click [OK], printing takes place.

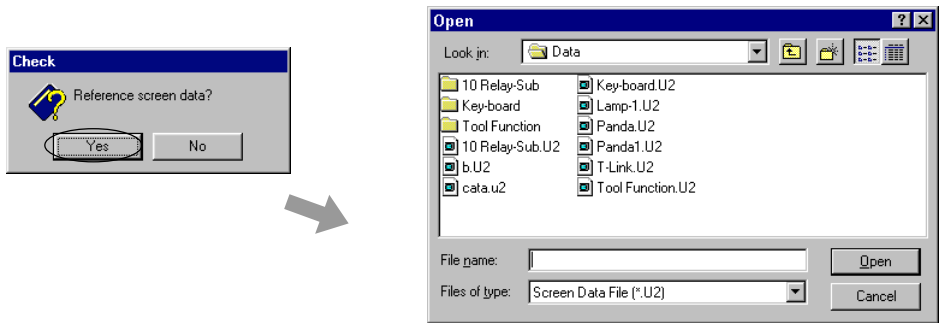
Creating a New MCD File

It is also possible to create a new MCD file on the editor instead of reading from the memory card.

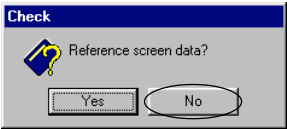
1. When you go to [File] and click [New], a confirmation dialog like the one shown below is displayed.



2. When you click on [Yes] and specify the screen data file that will be used as the source file, that setting is referenced and the MCD file format is automatically determined.

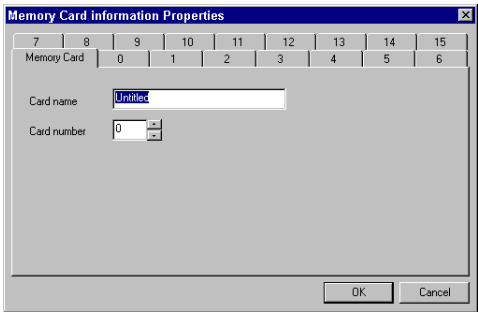


3. When you click on [No].



4. The [Memory Card information Properties] dialog is displayed.
Set each setting item and the [Memory Card information] dialog is displayed.

Set the necessary items.



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Information in this manual is subject to change without notice.